



PATIENT

Marcillene Knight

SPECIES

Feline

BREED

Domestic Shorthair

SEX

Spayed female

AGE

11 years

WEIGHT

6.2 lbs

INTERPRETED BY

Remo Lobetti, BVSc,
MMedVet (Med),
PhD, Dipl. ECVIM

IMAGING PERFORMED BY

Anshu Gupta

HOSPITAL NAME

Liverpool Village AH

REFERRING VET

Dr. Carista

INVOICE

69347

DATE

12/16/25

PRESENTING CLINICAL SIGNS

History: Chronic vomiting and weight loss. Decreased appetite over last few months. Recently hospitalized at emergency facility for suspect pyelonephritis. Improved post hospitalization, but plateaued/stopped improving

Elevated BUN (40), normal Creat (0.8), UA: USG 1.023 with TNTC RBCs and moderate amount of cocci

ULTRASONOGRAPHIC EXAMINATION OF THE ABDOMEN

Urinary System

The urinary bladder is full with a normal thickness and smooth appearance of the wall. Normal anechoic urine with no sediment or uroliths evident.

Normal appearance of the trigone area, proximal urethra, and iliac blood vessels.

Normal appearance and size of the iliac lymph nodes. Ureters not visualized, which can be considered a normal finding.

Normal renal size (left measured 3.5 cm, right measured 3.4 cm), normal echogenic appearance, cortico-medullary differentiation, and a regular curvilinear capsule. Bilateral, hyperechogenic appearance of the pelvis. No infarcts, mineralization or renoliths evident. Normal color flow pattern is evident in both kidneys.

Adrenal Glands

The left adrenal gland is normal in shape, echogenic appearance, size, position, and appearance of the visible peri-adrenal vasculature. Left adrenal gland measured 0.26 cm in width. The right adrenal gland was not clearly visualized, but appears to be of normal shape, echogenic appearance and size.

Spleen

Normal size and echogenic appearance. Smooth homogenous parenchyma and regular curvilinear capsule. Normal volume of the splenic vasculature without any overt congestion or thrombosis evident. No inflammatory, neoplastic, infarction, or infiltrative changes evident. The spleen measured 0.5 cm in width.

Liver

Normal size, echogenic appearance, portal markings, and regular curvilinear capsule. No nodules or masses evident. Normal appearance of the hepatic and portal vasculature.

Gallbladder

The gallbladder is full containing normal anechoic bile. Normal thickness and echogenic appearance of the wall. Normal size and appearance of the cystic and common bile duct.



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Gastrointestinal

Normal appearance of the stomach, duodenum, small intestine, ileo-cecal junction, and colon with no loss of layering, 1:3 muscularis to mucosa ratio, normal wall thickness and peristaltic activity, and no distension of the lumen. A moderate amount of ingesta is present in the stomach compatible with a recent meal.

Pancreas

The visible sections of the pancreas are of normal size and echogenic appearance with a regular capsule. Normal echogenic appearance of the mesentery and fat surrounding the pancreas.

Free Abdomen

Normal mesenteric lymph nodes.

No ascites evident.

ULTRASONOGRAPHIC FINDINGS

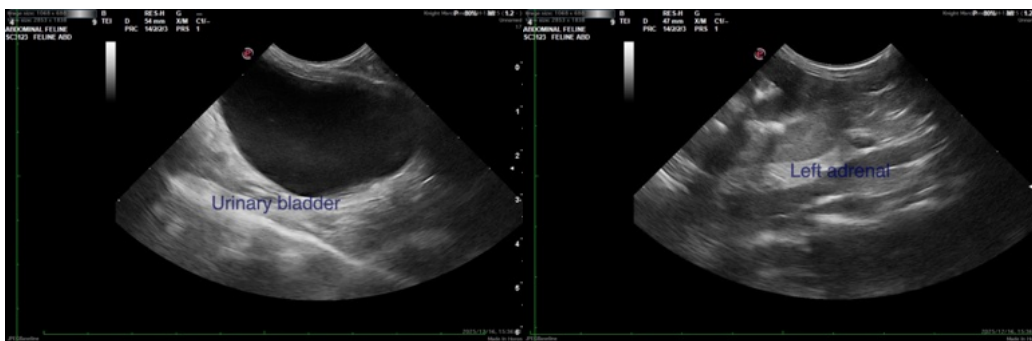
- Pyelonephritis.

INTERPRETATION OF THE FINDINGS & FURTHER RECOMMENDATIONS

Further assessment would be urine culture.

Management of the pyelonephritis would be long term antimicrobial therapy (4-6 weeks) based on urine culture and sensitivity results. The urine culture should be repeated 24 hours and 7 days post initiation of antibiotic therapy to ensure eradication of the infection.

Regular monitoring of renal function would also be indicated.





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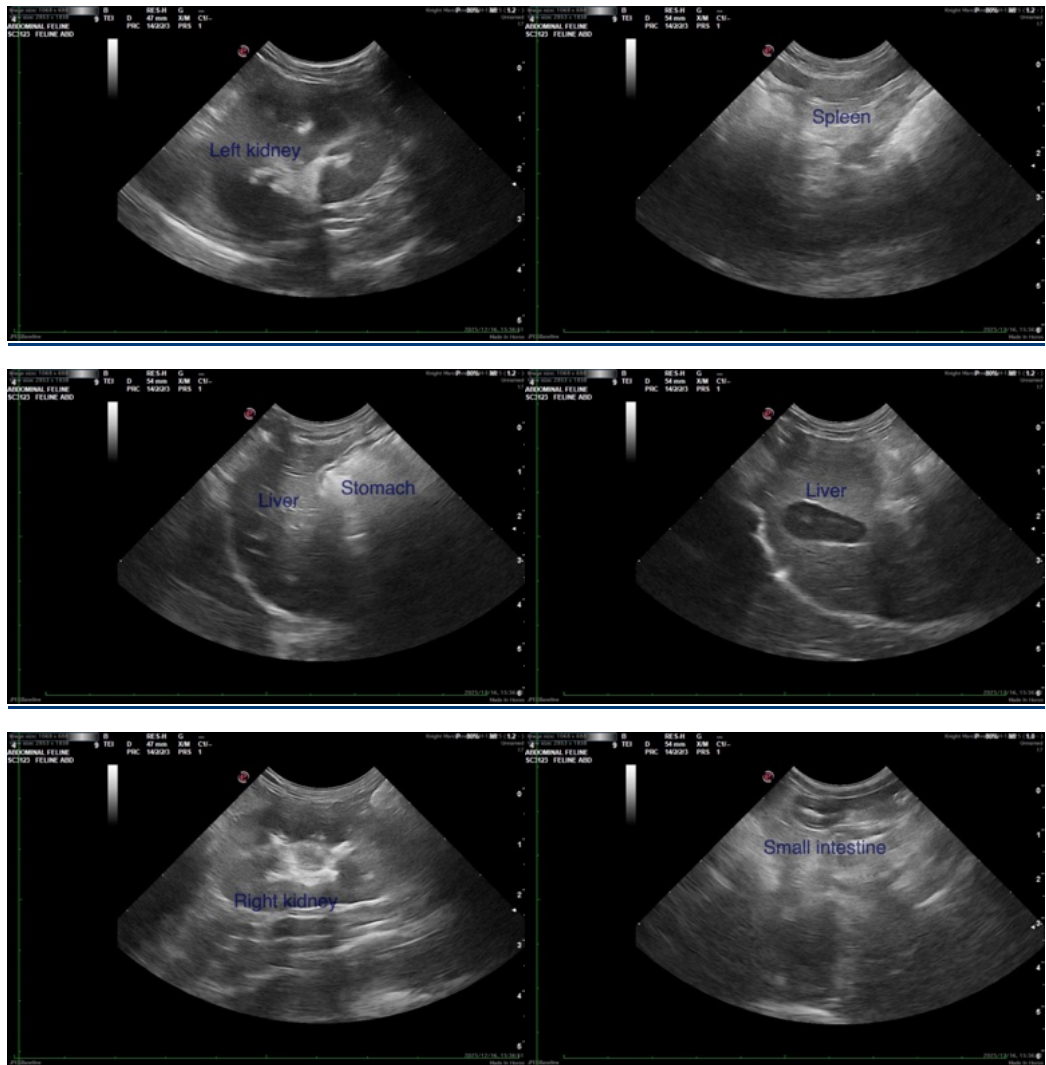
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The information and recommendations provided are based on the images presented by the referring veterinarian/sonographer. No evaluation can be communicated regarding pathology that was not visible in the image/video clips provided.

Thank you for this referral. If the clinical or image interpretation does not parallel your findings or if I can be of any further assistance please contact me.

Remo Lobetti, BVSc, MMedVet (Med), PhD, Dipl. ECVIM (Internal Medicine)

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